



ARTIFICIAL INTELLIGENCE:

Preparing Virginia for the Present and the Future

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Presentation Outline

TODAY'S DISCUSSION

- Artificial Intelligence (AI) Defined
- AI's General Use
- Utilization of AI in Government
- Potential Outcomes of Not Managing AI
- Regulating AI and Emerging Technology
- The Role of the Legislature & Next Steps

Artificial Intelligence Defined

A simulation of human intelligence processes by machines, especially computer systems, including learning, reasoning, and self-correction.

The process involves algorithms, automations, and other “non-common sense” programming to achieve accuracy, insight, and automation.





Everyday Use of AI



Utilization of AI to Improve Citizen Services

**RIGHT INFORMATION AT THE RIGHT TIME TO MAKE
THE RIGHT DECISIONS**



■ MEASUREMENT & EFFECTIVENESS

Of existing Medicaid and entitlement programs and identifying gaps in access

■ FORECASTING & PREDICTING

Trends in illnesses and diseases, evolution of medicine and rising cost

■ IDENTIFYING

Service and care limitations due to lack of doctors and facilities

■ PREPARATION

For evolving regulations, and industry consolidation with digital solutions



■ 21ST CENTURY TRAINING

Analyzing the industry needs for future skills and aligning the education curriculum to meet those requirements

■ EFFICIENCIES

In administrative tasks and the operation of educational environments; and increase access to global resources

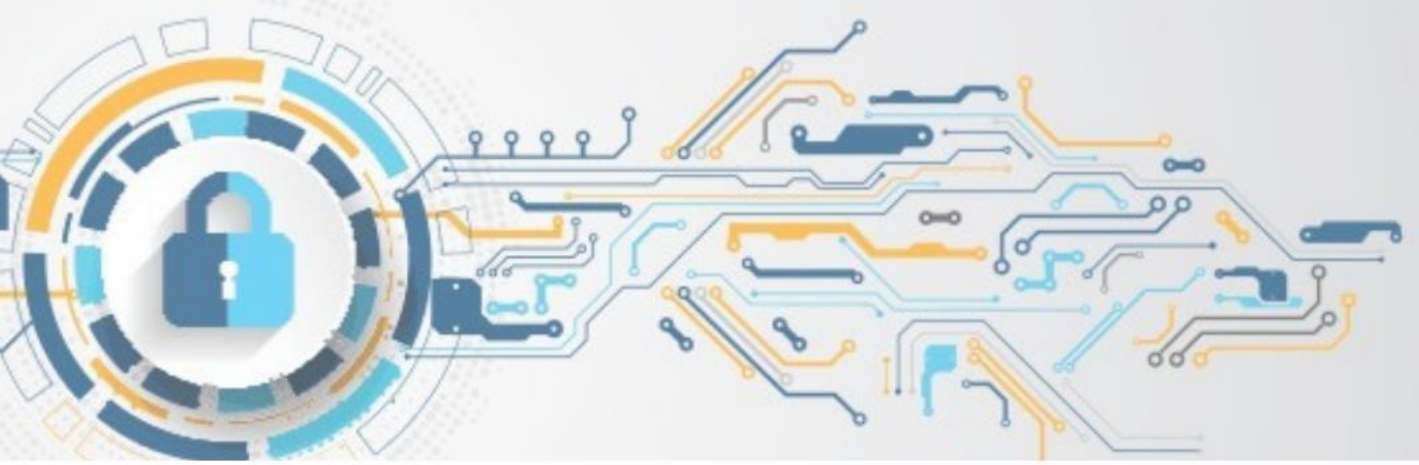
■ MONITORING

The quality of digital content and the accuracy of information being taught

■ PERSONALIZED

Approach to learning to the individual student offering immediate feedback and customizable lessons

CRIMINAL JUSTICE



■ TRACKING

How and why recidivism occurs (health, social and economic factors)

■ MONITORING

New technology like facial recognition and all emerging technology and possible unintended consequences

■ IDENTIFYING

Individuals and their actions in videos relating to criminal activity or public safety, DNA analysis, gunshot detection, and crime forecasting

Risks of not managing Artificial Intelligence





**Regulating AI
& Emerging
Technology**

Regulations

OWNERSHIP

Who owns the data?
The person or the entity?

Should be the person but the onus could be on the entity to protect

ACCESS

Who has access and why?

Should only be an authorized and trained user

SHARING & AGREEMENTS

Is sharing for "better service", to share with others or for profit? Or both?

Agreements should be explicit and monitored

DISCLOSURE

Organizations often force people to opt-in to receive services

ROLE OF THE LEGISLATURE & NEXT STEPS



Deep Dive, Research
& Training for
Policymakers



Assessment of the use
of AI specifically in the
Commonwealth, and
current privacy rules



Collaborative
development of
roadmap with industry
and policymakers



QUESTIONS

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